Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	CP-2019-11-29-69 **Date: 25-07-19**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of Library Building in Yelahanka New Town 5th Phase Chowdeshwari in Chowdeshwari Ward No-02.
Agency	:	Sri Lokesha A(SRI PUSHPAGIRI ENTERPRISES) Shop No 1606/169, Rajanukunte Vill and Post, Bangalore-64.
Customer's Reference	:	EE(YNK.D)E-PMT-01/W.O/0090/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	22-07-19
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 (Part 1,2 3,4,5, 6,11):1988 IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4 IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5 IS 4031 Part 3, Determination of Soundness, Clause 5,Clause 6 IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5 IS 4031 Part 11,DETERMINATION OF DENSITY , Clause 6
Date of test	:	23-07-19
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	1.08	–
2	Finess by Air permeablity method (m^2/kg,Min)	298.5	225m^2/kg, Min
3	Density (gm/cc)	3.13	–
4	Standard Consistency (%)	29.5%	Not specified
5	Initial Setting time	145 minutes	Not less than 30 minutes
6	Final Setting time	275 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

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Samples will be disposed after 90 days from the date of issue of test certificate

AE-01

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO Sig..... Date..... BANGALORE

AE.2 A.E.E

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****End of Report****

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 03/08/2019

Lab ID	:	CP-2019-11-29-69
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of Library Building in Yelahanka New Town 5th Phase Chowdeshwari in Chowdeshwari Ward No-02.
Agency	:	Sri Lokesha A(SRI PUSHPAGIRI ENTERPRISES) Shop No 1606/169, Rajanukunte Vill and Post, Bangalore-64.
Customer's Reference	:	EE(YNK.D)E-PMT-01/W.O/0090/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	29-07-19
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	03/08/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M20	27/07/2019	03/08/2019	150.63 X 150.05 X 149.52	22603	8.849	407.2	18.0	18.3
2	PCC	M20	27/07/2019	03/08/2019	149.80 X 149.90 X 150.30	22454	8.629	405.6	18.1	
3	PCC	M20	27/07/2019	03/08/2019	150.42 X 149.75 X 150.28	22525	8.685	423.1	18.8	

Note:
The results pertain to the samples received and tested.
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Samples will be disposed after 90 days from the date of issue of test certificate

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CIVIL PRO Sig..... Date..... BANGALORE

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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